

DECLARATION FOR PATENT APPLICATION



As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DIAGNOSTIC MARKERS OF LIVER DYSFUNCTION** the specification of which:

 X is attached hereto.

 X was filed on August 2, 2001 (Attorney Docket No.: **SCRIP1460**) as U.S. Application Serial No. 09/922,236 and was amended on _____ if applicable (the "Application").

I hereby authorize and request insertion of the application serial number of the Application when officially known.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, Code of Federal Regulations ("C.F.R."), § 1.56.

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the Application:

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Tony E. Hugli

Inventor's signature: Tony E. Hugli

Date: 8/13/01

Residence: San Diego, California

Citizenship: United States GC 11

Residence Address: 6026 Charles Street
San Diego, California 92122

Full name of second inventor: Craig M. Jackson

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Citizenship: United States

Residence Address: 5931 Seacrest View Road
San Diego, California 92121



DECLARATION FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **DIAGNOSTIC MARKERS OF LIVER DYSFUNCTION** the specification of which:

 X is attached hereto.

 X was filed on August 2, 2001 (Attorney Docket No.: **SCRIP1460**) as U.S. Application Serial No. 09/922,236 and was amended on _____ if applicable (the "Application").

I hereby authorize and request insertion of the application serial number of the Application when officially known.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, Code of Federal Regulations ("C.F.R."), § 1.56.

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)
_____ (Application Serial No.)	_____ (Filing Date)

With respect to the Application, I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability of the subject matter of the Application as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of the Application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Tony E. Hugli

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Citizenship: United States

Residence Address: 6026 Charles Street
San Diego, California 92122

Full name of second inventor: Craig M. Jackson

Inventor's signature: Craig M. Jackson

Date: August 13, 2001

Residence: San Diego, California

Citizenship: United States

Residence Address: 5931 Seacrest View Road
San Diego, California 92121



PATENT

ATTORNEY DOCKET NO.: SCRIP 1460

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hugli and Jackson Art Unit:
Application No.: Examiner:
Filed: August 2, 2001
Title: DIAGNOSTIC MARKERS OF LIVER DYSFUNCTION

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE

As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of the assignee to prosecute the
Application and to transact all business in the United States Patent and Trademark Office
connected therewith:

JAMES P. CLEARY	Registration No. 45,843
TIM ELLIS	Registration No. 41,734
CHARLES D. GAVRILOVICH, Jr.	Registration No. 41,031
LISA A. HAILE	Registration No. 38,347
RICHARD J. IMBRA	Registration No. 37,643
SHEILA R. KIRSCHENBAUM	Registration No. 44,835
JUNE M. LEARN	Registration No. 31,238
TIMOTHY W. LOHSE	Registration No. 35,255
TERRANCE A. MEADOR	Registration No. 30,298
STEVEN R. SPRINKLE	Registration No. 40,825
MARK M. TAKAHASHI	Registration No. 38,631
EMANUEL J. VACCHIANO	Registration No. 43,964
BARRY N. YOUNG	Registration No. 27,744

In re Application of:
Hugli and Jackson
Application No.:
Filed: August 2, 2001
Page 2


PATENT
Attorney Docket No.: SCRIP1460

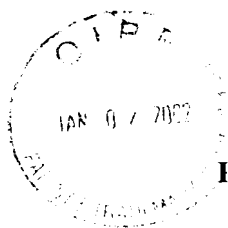
I hereby authorize and request insertion of the application number of the
Application when officially known.

Direct all telephone calls to:
LISA A. HAILE, J.D., PH.D.
Telephone: (858) 677-1456

Address all correspondence to:
LISA A. HAILE, J.D., PH.D.
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121

THE SCRIPPS RESEARCH INSTITUTE

By: 
Name: Thomas Fitting
Title: Chief Patent Counsel
Date: August 14, 2001



PATENT

ATTORNEY DOCKET NO.: SCRIP 1460

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hugli and Jackson Art Unit:
Application No.: Examiner:
Filed: August 2, 2001
Title: DIAGNOSTIC MARKERS OF LIVER DYSFUNCITON

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE

As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of the assignee to prosecute the
Application and to transact all business in the United States Patent and Trademark Office
connected therewith:

JAMES P. CLEARY	Registration No. 45,843
TIM ELLIS	Registration No. 41,734
CHARLES D. GAVRILOVICH, Jr.	Registration No. 41,031
LISA A. HAILE	Registration No. 38,347
RICHARD J. IMBRA	Registration No. 37,643
SHEILA R. KIRSCHENBAUM	Registration No. 44,835
JUNE M. LEARN	Registration No. 31,238
TIMOTHY W. LOHSE	Registration No. 35,255
TERRANCE A. MEADOR	Registration No. 30,298
STEVEN R. SPRINKLE	Registration No. 40,825
MARK M. TAKAHASHI	Registration No. 38,631
EMANUEL J. VACCHIANO	Registration No. 43,964
BARRY N. YOUNG	Registration No. 27,744

In re Application of:
Hugli and Jackson
Application No.:
Filed: August 2, 2001
Page 2

PATENT
Attorney Docket No.: SCRIP1460

I hereby authorize and request insertion of the application number of the
Application when officially known.


Direct all telephone calls to:

LISA A. HAILE, J.D., PH.D.
Telephone: (858) 677-1456

Address all correspondence to:

LISA A. HAILE, J.D., PH.D.
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1600
San Diego, CA 92121

HEMOSAGA DIAGNOSTICS CORPORATION

By: 
Name: CRAG M. JACKSON
Title: PRESIDENT, PRINCIPAL SCIENTIST & CO. FOUNDER
Date: Aug 17, 2001